

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0012	Overall LMA Rating	Total LMA Miles				
Sacramento Maintenance Yard Willow Slough Bypass	A	12.46				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.49	
USACE Erosion Survey	0.54		0.54	4.33%		
<i>LMA Totals:</i>	0.54	0.00	0.54	4.33%	0.49	0.00

Unit No. 01 Willow Slough Bypass or North Levee	Overall Unit Rating	Total Unit Miles				
	A	5.09				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.47	
USACE Erosion Survey	0.40		0.40	7.86%		
<i>Unit Totals:</i>	0.40	0.00	0.40	7.86%	0.47	0.00

Unit No. 02 Willow Slough Bypass or South Levee	Overall Unit Rating	Total Unit Miles				
	A	7.37				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.02	
USACE Erosion Survey	0.14		0.14	1.90%		
<i>Unit Totals:</i>	0.14	0.00	0.14	1.90%	0.02	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2009 Levee Inspection Results

Sacramento Maintenance Yard Willow Slough Bypass

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Sacramento Maintenance Yard Willow Slough Bypass

Waterway			Bank	Unit Miles
Unit No. 01 Willow Slough Bypass or North Levee			Left	5.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/12/2009		9/24/2009	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Sacramento Maintenance Yard Willow Slough Bypass

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Willow Slough Bypass or North Levee						Left	5.09	10/21/2009 10/21/2009	John Williamson	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.13	0.53	Supplemental	USACE Erosion Survey	LS	M	Inspector Comments: slumping	38.590516 ° -121.675116 °	38.590694 ° -121.667775 °	971
2	3.15	3.36	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: burrowing owls are present squirrel population is under control and no animals are present	38.590727 ° -121.723333 °	38.590600 ° -121.727253 °	3
3	4.16	4.63	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.597093 ° -121.737883 °	38.599857 ° -121.745158 °	4

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Sacramento Maintenance Yard Willow Slough Bypass

Waterway			Bank	Unit Miles
Unit No. 02 Willow Slough Bypass or South Levee			Right	7.37
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/12/2009		9/24/2009	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2009

Sacramento Maintenance Yard Willow Slough Bypass

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee					Right	7.37	10/21/2009 10/21/2009	John Williamson

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	1.87	1.87	Earthen Levee	Encroachments	WS	PO	Pipe	38.589760 ° -121.724205 °	38.589760 ° -121.724205 °	1
2	3.56	3.56	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: control structure Davis Drain block building	38.589657 ° -121.692850 °	38.589657 ° -121.692850 °	2
3	6.71	6.85	Supplemental	USACE Erosion Survey	LS	M	Inspector Comments: slumping---3/23/09 slumping minium and very hard to see	38.578867 ° -121.647422 °	38.577028 ° -121.647233 °	973

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WS : Water Side
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**** Rating**

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